THE SCOPE

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THE SCOPE

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THE SCOPE

Presents

"THE EYES OF THE INFANT"

by Ralph H. Green, O. D., D. O. S.
Boston, Massachusetts

(Reprinted from The 1939 Year Book of Optometry)

This paper has been prepared, primarily, to present the various ocular conditions present at birth, that may be of interest to the practising optometrist. Furthermore, inasmuch as questions regarding these conditions are constantly being brought up by lay persons, the subject matter is couched in terms comprehensible to those not in the profession. Reference to the following paragraphs, therefore, can be of value to anyone concerned in a not-too-technical treatment of this subject.

(a). Palpebral Fissure.

In early infancy, the opening formed when the eye lids are separated is practically round. That is, the vertical diameter is nearly equal to the horizontal diameter. This exposes a considerable amount of the eyeball vertically, and gives the appearance of "large eyes" in the infant. The apparent size, however, is due to the fact that, ordinarily, in the adult, only a small portion of the sclera is visible, and the upper lid hangs down on the cornea 2mm., while in the infant, the entire cornea is visible, that is, more of the sclera is exposed. However, as the face develops, the vertical diameter shortens up considerably, and the horizontal diameter increases until, in the adult, a long horizontal oval is formed, measuring, as a rule, 28 x 13 millimeters.

(b). Lid Movements.

The upper and lower lids are well coordinated at birth. Both upper and lower lids operate together. The normal child never has one eye open and the other closed. In fact, only after considerable training, is it possible to break down this firmly established coordination. The ability to close one eye without the other is an enviable accomplishment even to a six year old youngster.

(c). Epicanthus.

In the infant, at the inner angle (inner canthus) formed by the joining of the upper and lower lids, a fold of skin from the upper lid obscures the parts normally visible in this region in the adult. This is commonly seen in the Mongolian, who has a prominent epicanthus, even as an adult. However, in the infant, this fold disappears gradually, as the bridge of the nose develops, exposing the entire angle.

(d). Lachrymal Ducts.

The new-born cries, but without tears. This is due to the fact that the lachrymal gland does not begin to function until several weeks after birth. Frequently, the tear ducts are not fully formed and opened at birth. However, by the time the tears are secreted by the tear glands, the drainage canals should be prepared to conduct the overflow into the lachrimal sac in the nose.

(e). Sclera.

In the infant, the sclera has a bluish-white appearance. This is due to the thinness of

this lamina, which allows the pigment of the underlying choroid to show through. As the eye develops, the sclera becomes thicker and assumes the usual whitish appearance. If the blueness of the sclera persists, it is generally a sign of some calcium deficiency and is associated with fragility of the bony structures elsewhere in the body.

(f). Cornea at Birth.

The cornea at birth is no different from that of the adult. If any difference is found, it is usually one in which the cornea has a slightly shorter radius of curvature, resulting in a higher dioptric value than that commonly observed in the adult. A mild flattening process takes place until about the third year. After that, the corneal curves remain constant.

(g). Corneal Sensitivity.

Sensitivity of the cornea, at birth, is quite reduced and relatively insensitive. This is demonstrated by the failure to elicit the usual lid-closure reflex when the cornea is irritated by a foreign body. For this reason, the eyes do not have the usual protection against foreign bodies that might otherwise have been prevented from coming in contact with the eyeball by the reflex closure of the lids.

(h). Irides.

At birth, the vast majority of babies eyes have blue irides. However, only a few remain so. Most change to gray, green, and brown. This change takes place as soon as the pigment cells (coloring matter) develop. The more abundant the pigment cells in the stroma of the iris, the greater will be the modification in the original temporary color.

(i). Pupils.

The pupils are small, black, and equal in size at birth, and will constrict directly and indirectly when light is thrown into the eyes.

Occasionally, small portions of the pupillary membrane, which generally disappears two months preceding birth, are seen in the newborn. This thin membrane appears to close the pupil either completely or partially. It is then known as, "persistent pupillary membrane".

(j). Crystalline Lens.

The crystalline lens has approximately the same thickness (3.9mm.) as that of the adult, but the diameter is 6mm. instead of the 8 or 9mm. in the adult. Both surfaces present shorter radii of curvature. The anterior measures approximately 4.5mm. and the posterior 4mms. making the general shape of the lens spherical. This results in a refracting body that is higher than that of the adult. This in a manner compensates for the short antero-posterior axis (17mm. in the infant, instead of 24mm. in the adult) which otherwise would result in a considerable degree of congenital hyperopia. In spite of this natural attempt to compensate for the "short-eye", it falls short by about 3 to 4 diopters, which is the average degree of hyperopia present at birth.

(k). Ciliary Muscle.

At birth, the ciliary muscle, although anatomically completed in growth, is definitely functionally underdeveloped. The tone of the positive-acting fibers of the ciliary muscle is hypotonic, and it is not until the infant begins to acquire vision that functional development begins. Evidence of this development can, as a rule, be seen by the second year. However, this is not to be interpreted that the child does not accommodate before the second year. The fact of the matter is, that the child probably accommodates ahead of convergence, which is before the sixth month.

(l). Retina and Vision.

At birth, all babies are blind for "form vision". That is, they have what is termed "relative vision". This vision is only the differentiation of light from darkness. The macula is not anatomically completed until the

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MINUTE BIOGRAPHIES

by Geldon Hindman '41

ALBRECHT VON GRAEFE

Albrecht Von Graefe, of Berlin, the creator of modern surgery of the eye, and indeed the greatest of all surgeons, was the son of Carl Ferdinand von Graefe. After graduating in Berlin in 1847, he was urged to specialize in Ophthalmology by several prominent ophthalmologists of that time. Having studied at several clinics, at principal cities in Europe, namely Paris, Jaegers in Vienna, and Bowman and Critchett in London, he soon obtained phenomenal success in his native city, becoming professor at the University in 1857. In 1854 he wrote several Journals, which contain most of his important discoveries and inventions. One of the first of his papers contained his observations on the disorders of the oblique eye muscles, the nature of glaucoma, keratoconus, diphtheritic conjunctivitis and on double vision after strabismus operations.

Von Graefe introduced the operation of iridectomy in the treatment of iritis, iridochoroiditis and glaucoma; made the operation for strabismus reliable and improved the treatment of cataract by the modified linear extraction. He applied the ophthalmoscope to the study of amblyopias in functional disorders with extraordinary success, made a brilliant diagnosis of embolism of the retinal artery as the cause for a case of sudden blindness, and proceeded to point out that most cases of blindness and impaired vision connected with cerebral disorders are traceable to optic neuritis, rather than paralysis of the optic nerve, which was the view maintained before his time. Von Graefe also first noted the stationary condition of the upper eyelid, when the eyeball is rolled up or down in Exophthalmic Goitre (Graefe's sign).

He was a man of a refined spiritual type, whose health did not long withstand the strain of such tremendous work that he accomplished in so short a life. Graefe was fond of pranks and practical jokes even after his youthful days were over, and many pungent witticisms attributed to him are still quoted and remembered.

THE SCOPE ADVISES

by Samuel Goodfader '41

Ave, Freshmen! Let the Scope's welcome to you be tempered with advice as well as salutation!

It is the trend of a student, upon entering his field of endeavor, to pursue only that field and pass off, as being non-essential to the goal, all material which does not strictly enter the confines of the field, or is not directly concerned with the work.

This is a grave error on the part of the student, the allied sciences are in the curriculum for a definite purpose, and should be taken in the light in which they are prescribed.

You freshmen are presented with a fine curriculum of allied sciences of optometry, do not make the mistake of passing them off lightly as being non pertinent, retain them!

The freshman curriculum is the key to what is to follow, you must adhere to it strictly to open the door to optometry itself. What is considered by you as being non-important now, will evolve to be all-important later on.

You will find that in your social life you will be avalanched with queries pertaining to your field, you must know the answers! This can be attained only by pursuing your studies faithfully.

It can be said that optometry is leaning more to the side of Chemical, Biological, Psy-

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THRU THE EDITOR'S EYES

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THE EDITOR SAYS

The SCOPE STAFF wishes to extend its sincere greetings to all its readers, upon the opening of the school year 1939 - 1940. It is also deemed fitting that at this time, something be said concerning the "SCOPE".

The SCOPE is beginning its twelfth consecutive year of publications, being first published by the students in 1928, under the guidance of Dr. Ralph Green, now an instructor at M. S. O. and Dr. Bernard Fritz. Since this time it has undergone various changes. New departments have come and others have gone. The effort however, has always been directed towards advancement!

Knowing the past achievements of this publication, the present Staff can only hope to live up to the reputation already established. To accomplish this end for *your* magazine we need *your* help, and coöperation. We ask that you bear with us in our trials and give us your every assistance, journalistically, as well as morally. And so it is with your support, coupled with our own meager efforts, that we the members of the Staff hope to bring you another series of interesting SCOPE publications during the coming year.

NOTA BENE

For the benefit of the new students (and some old ones too) there is a "SCOPE" box on the third floor. Although some might argue the point, the chief reason for its presence is to serve as a depository for articles and bits of information that *any* student might think worthy of publication. We guarantee that all such articles will receive just consideration and that a sincere effort will be made to print them.

This is your means of communicating with the SCOPE. We beg of you to use it!

AMONG THE GIRLS

by Elsa Schroder

It's good to be back to school and see our classmates again. Everyone seeems to have returned with renewed energy to start studying, although some still are having a difficult time trying to be in the classroom before the second bell has rung.

Of our sorority members there are few left, Evelyn Adler, Janet Mechanic, Maria Font and myself.

We are very glad to have with us a new girl, Rita Johnson, from Malden, Massachusetts who is a prospective candidate for our sorority.

Maria did not go home this last summer but she visited the World's Fair, and of course, the Puerto Rican pavillion was just like visiting the island (home).

Just imagine Janet sitting in a boat on Lake Mashepee, where she spent part of the summer, trying to pull in a two pound bass without herself being pulled in!

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JUNIOR JIBBERINGS

by Herbert S. Greenblatt '41

Hello. Of course I could start this column by saying how happy we all are to see each other, but why tell an untruth — not ethical, etc., etc. Seriously the reunion is indeed a wonderful occasion what with "Hi Jeep", "Hey Stinky" etc. Most of the boys enjoyed very little of their respective (respectable?) vacations, or rather a very little vacation. Need we say more? Among the notables, however, were Sam Goodfader and Bill Joseph who both took the water cure at Winthrop and Miami beaches; "Gilbert" Hindman selling hams encore; Leo Di Natale on the Greyhound; Bill Corrente behind the bars at 'Gansett and up around Mt. Washington; and Lew Beckwith juggling ice-cubes (300 lbs.) If we remember correctly, Lew dropped a cake of ice on his foot, last year, and broke it (his foot). This year a cake of ice fell on his head and broke it (the ice). Anyway Lew gained quite some weight and now tips the beams at a husky 89 lbs. (Some boy).

As usual, the first day back at school found us not knowing what to do or where to go. Now we don't know what to do but at least we know where to go.

You've probably noticed, if you've been awake at all, that we have a different bedroom, er, classroom. Killilea, Ward, Mayer and Rogolsky stoutly maintain that it makes no difference where they sleep. However, it is just as interesting as ever to watch the rush for the seats in the light of the cold, grey dawn.

You know, passing a sheet of paper around the class for attendance recording is to this column's eyes a most trustworthy action on the part of the office. Many and varied forms of nomenclature have appeared on the "yellow sheet". In fact there are so many "newcomers" that the room will have to be made larger.

Isn't it "lovely" to examine those fresh freshmen. (I'm not stuttering). But remember fellows, the case history doesn't include anything about telephone numbers! Imagine a freshman asking what an ophthalmoscope is used for! By the way, just what are we to do with them?) Rather than risk a barrage of over ripe legumes I'll close with this reminder. See you next month, *starting tomorrow!*

Confidentially,
Grispen.

TRAVAILLER

(Nonsense for no cents)

This sheet has at last reached publication. It has been scurrying around back rows, hiding behind note books, for the past two years, but now it is exposed to the eyes of many. This is in a way disadvantageous as it must stay above board; it must be censored.

We of the Travailler wish to welcome all the Frosh and new students. We will all do our best to help you. May we request the Frosh to coöperate with the Juniors in the clinic and be nice little guinea pigs.

Remark of a Frosh as he went into a booth for his third eye exam: "In this case, history will repeat itself".

It seems that some members of the State Board did not attend the Convention of Signs.

Today's Poem

Plus is Minus
Minus is Plus
Think of State Boards
Oh Lord, help us.

When two negatives are correct —
Air is not nothing.

Can Dr. Budilov concentrate? Ask George Hymoff.

Wise Guy: "Have you ever seen the eye of a needle?"

Wiser Guy: "Why sure I've seen a needle

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THE SOPH SEEING EYE

by George M. Cohen

Well here we are again, back at good old M. S. O. Welcome back all ye Sophs and former Frosh and also might we extend a welcome to the incoming Frosh. It's good to see the old familiar faces and hear their pleasant voices. What handshaking and smiles were present that September 20th! Well, back to the old grindstone. We were sort of worried when Blondie McKenna didn't show up 'till Friday, but he's back. Seems he had a little tonsil trouble, but he's as chipper as ever, now.

Say, do you fellers and gals remember the last day we were Frosh? Well, it started off at nine a. m. (how well we remember that) last May 12.

Time 9:00 — Dr. Brucker

Cartier (seems we sort of miss his Finklesteinian arithmetic these days, oh, but I'm wrong; he also was a little late returning this year) after roll call: "This is my turn to ask a question!"

Dr. B.: "That's right."

F-U-N-E-X
S-V-F-X
F-U-N-E-M-N-X
S-V-F

So he ordered ham and eggs;

and so the period went till 10:00 a. m. and Anatomy, or was it? Anyhow, we found out that the "Brains" were excused from exams with much "gees", "aws", and "ohs".

Time 11:00 — Theoretic Optics — Dr. B.

Levine started off with a previous exam question on a man and a mirror. Dr. Brucker asked where was it placed and Cal shouted out, "In front of him." Time passed on . . Dr. B.: "No questions?" . . . . . pause . . . . . "You're paying too much money for a place to sleep!"

Time 12:00 — LUNCH.

Time 1:00 — Trig.

I sort of lost track, being that I became engrossed in logs.

Time 2:00 — Biology — Dr. Harris.

Dr. Harris asked the astounded class if there were any questions. Dexter (remember him?) came in to ask Doc to the Pi Omicron Sigma dinner and a group of five Frosh tried to determine if one of them had a counterfeit half dollar.

Time 2:55 — Bell rang and we ran out.

Well, now we're back. Let's see, we have six new members to add to our class: Upham, Otis, Fine, Cavanaugh, Wasserman and Iventasch. To you six we also extend a welcome to our ranks.

A great deal has happened during the summer. Europe went to War; some fellows went home and I went to the dogs. Jack Rice sold shoes . . . Mittleman jerked sodas back in Providence . . . Margolskee worked as a tannery hand, and what a hand. It seems O. K. now . . . Richmond lugged coca cola on and off the Cocacola trucks out in Brighton . . . McVey got his navigators license for piloting boats . . . Miss Font spent the summer in New York . . . Falino welded watch cases at the Bulova factory . . . Savoy worked for six weeks (toward the end of the summer) and I undertsand that on the very first day, stuck to his old habit of dropping things. Almost dropped his job too. Wakeup Flatbush! His room-mate, Newman, from Trenton, got so stuck on Boston and a little Babe out in Brighton and Nantasket, he was up over the 4th with me as well as a week in August. Right in the city. Newman old man, I didn't mind getting to bed at 3:00 a. m. every morning but why did she have to call you two and three times during the hours of 3:00 and 5:00 a. m. . . . Rosemark and Cline worked behind the counter on Blue Hill Avenue, at Simco's.

Well, here we are all students again, a year older, I hope a year wiser and more serious for a change. We have a tough year ahead fellers, so let's go!

Eye'll be seeing you through my scope.

The eye that was.

FRESH FROSH FACTS

by Saul Silverstein

We, the class of 1943, (we hope) have just entered these sacred portals and greet thee, ye sophomores, juniors, and invisible seniors". Pray, forgive us for this bold declaration; for we are really shy and need friendship or else we will break down and cry. (Poetry?) Your help is requested immediately and imperatively (not bad for a freshman), on our lips is a question which must be answered. And that is, "By the way, have you got a quarter until next Monday?"

We have been in school one short week and we have become well acquainted with the upperclassmen, who were so kind to us when books were needed, especially when it came to prices. (But revenge will come next year, when the new crop of freshmen arrive at M. S. O.)

RAMBLINGS OF A FRESHMAN

First Day of School: Gee! Am I scared! Wish my mother was with me. Look at all those big, husky boys! Must be the football players! Oh! There goes a professor. He looks harmless (for the present). Wonder how I made out in that I. Q. exam. I hope I get 70%, because 70 is passing.

Second Day of School: School isn't too bad, but I'll have to do some studying from now on. Just purchased books from upperclassmen. Prices aren't too high (?). I'll be just as lenient to next year's freshmen.

Third Day of School: Met some other upperclassmen. Nice fellows! Gave me advice concerning teachers and studies. I can't go wrong when there's always someone to help me.

Fourth Day of School: Went to the gym. What a place this Y. M. C. A. is! It's big enough to hold the World Series. My P. F. I. (physical fitness index to you) was taken. My lung capacity was also measured. What I would have given to have measured the lung capacities of some people that I know! (Hot air).

Fifth Day of School: One week has passed since my entering M. S. O. and I feel that I'm going to enjoy everything about the school. Again I say that everyone has been "swell" to me and I hope to reciprocate sometime in the future.

FRESHMEN JOKES — *they always do*

Katz '43: "I feel like a Wizard."

Shatz '43: "Don't make an Oz of yourself."

* * * *

Novack '43 (the poet):

Little Jack Horner
Sat in a corner
— — — B. O.

FRESHMEN BRIGHT SAYINGS

Carrier '43: "The chief cause of divorce is marriage."

Silverman '43: "Half of the married people in the world are men."

Miss Johnson '43: "The cannibal's favorite dinner song is the *Men*uet."

"Eye'll be Eyeing you"

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FRATERNITY NEWS

PI OMICRON SIGMA

by Ralph Fritz '41

At the closing meeting of Pi Omicron Sigma Fraternity last year, the following men were elected officers for the 1939 - 1940 season:

Grand Chancellor — Dr. Ralph Green
Chancellor — Harry Caldarone
Vice-Chancellor — Cortland Richmond
Secretary — Herbert Greenblatt
Treasurer — Stewart McKensie
Sergeant-at-Arms — Alex Tulsky

The Fraternity has plenty in store for its brothers this year, while celebrating its 26th year. The prelude of events will originate with the annual Fraternity Smoker on October 3rd. The entertainment committee's plans for the Smoker will make it a gala funfest for all who attend.

The initial dent in the social calendar will be the never-to-be forgotten "shindig" and Halloween Poverty Dance to be held on November 3rd at "Ye Old Lanterne Inn". As per custom, all are invited, with the price of admission being one cent (1c) per pound for the feminine companion, and extra tariffs for those attending in "new clothes". So come on brethren, and enjoy yourselves. Bring your best girl and your oldest clothes, your old shoes and your new dance steps. Come and get your refreshments gratis. Come! COME! COME!

OMEGA PSI

by Lew Beckwith '41

The new school year opens. For some of you it may be the start of a grand and glorious adventure. For others it may be "back to the old grind". As you read through this first issue of the SCOPE, you will no doubt receive "welcomes" from everyone connected with the School. We too, wish to take this opportunity to extend you a cordial welcome and you may be sure that throughout your school years we will do everything in our power to "keep you happy".

This year an old subject here at M. S. O. is being taught by a new instructor. This year Omega Psi announces a new faculty adviser — welcome Dr. Mark Budilov, Omega Psi wishes you luck in both new adventures.

For the first time in the fraternal life of M. S. O. a welcoming smoker will be held in the fraternity's own rooms.

The time: Soon.

The place: 18 Huntington Ave. (Copley Building). Prior to the smoker date, the Omega Psi fraternity rooms will be open for inspection. Our genial Chancellor, Lew Beckwith would be pleased to have you come up anytime, after school hours, to meet the fellows and enjoy yourselves.

For further information regarding the Fraternity please direct your queries to any member of Omega Psi.

Fraternally yours,

Lew Beckwith, *Chancellor*
William D. Corrente, *V. Chancellor*
Paul Lappin, *Scribe*
Harold Toy, *Treasurer*

SPORT-EYE-LITES

by William W. Wolfson '41

At the first meeting of the basketball squad, which was held on September 28, 1939, one of the largest turnouts of candidates took place. Plans for the ensuing year were discussed and arrangements were made to run a Basketball Dance Program at some future date on the "Y" court. With such veterans gone, via graduation, as last year's captain Morton Green, Bill Fradkin, and Milt Braver, the outlook for the coming season would appear dubious — but with such veterans as Bill Wolfson, Bob Fox, Marshal Margolsky and Jack Rice, the task of rebuilding the team does not appear to be too great. The freshmen are expected to contribute considerable material judging from the number of candidates that reported. The team's schedule, when completed, will be released by Manager Sid Stillman, who promises that it will be filled with teams from leading colleges of Massachusetts.

SPORT FLASH

Flash — Before going to press your correspondent learned from reliable sources that a pre-season basketball game between the M. S. O. team and the Clinicians has been arranged to take place some time in October. Flash . . . Flash, till then, I remain yours truly —

W. W. W.

--EYES OF THE INFANT

(continued from page four)

twelfth week after birth, so that, at birth, the eye does not have the completed nervous mechanism required for sharp vision. Aside from the fact that the visual aparatus is not completely developed anatomically at birth, vision must be learned. This is done in much the same manner as other faculties are developed. Vision generally reaches its maximum development about the tenth year.

(m). Internal Recti.

(Since these are the principal muscles of convergence a short paragraph will be presented relative to their status at birth.)

These muscles are normally relatively hypertonic to the external recti at birth. This accounts for the fact that convergent strabismus is by far the most common type of strabismus in early life. When the binocular coordination is disturbed by the slightest provocation, convergent strabismus results.

With the development of all the extra-ocular muscular coordinations, the tendency is for the tonus to be more equally distributed between the internal and external recti, with their resultant orthophoria.

(n). Ocular Movements.

At birth, and until the child is three months of age, the eyes move more or less independently of each other. However, both eyes can be directed upward and downward in perfect coordination, even at birth. In fact, this is the only coordinate movement at birth.

A new-born will momentarily direct his eyes at a light source. This direction of his eyes toward the light will be imperfect, and either one or the other of the eyes will be directed toward the light source, but never simultaneously. At the end of two or three weeks, most infants can hold steady monocular fixation, but not for any length of time. It is not until the fifth or sixth week that both eyes can be seen directed simultaneously at an object.

--TRAVAILLER

(continued from page seven)

with two eyes."

September's electrical transcription:

GEE Pop, but I'm glad you brought me to the ball game today. All the other kids will be jealous. Who's that tall guy down there, Ted Williams?

Which one, son? I see three fellows.

What's the matter Pop? You don't look so good.

I don't feel so well. I guess I'll have to hop on the wagon.

Aw no Pop, you couldn't stand that. When we go home you get Ma to give you a dose of LESTER LEISHON'S SUPERCHARGED ARNICA TABLETS.

Absolutely right, young man. And when you don't feel so hot, take a shot of LESTER LEISHON'S SUPERCHARGED ARNICA TABLETS in solution. They do the work of arsenic without the danger of arsenic. Take three tablets in a tumbler of branch water, then most folks feel like taking the gas pipe because the gun might miss.

Our apologies to Bill Cunningham.

Most Juniors seem to have an aversion to eversion.

Who, of the faculty, resembles a prominent New York district attorney?

Dr. Green has at last completed the blue prints of his new super deluxe trial frame. He was ably assisted by the Junior class. The contract for the construction of this scientific marvel has been given to the Bethlehem Shipbuilding Corporation. This trial frame will have more movements than a jitterbug.

Let's keep out of war. We've paid our tuition. *Pete Peters.*

--AMONG THE GIRLS

(continued from page six)

I have heard that Evelyn started this year off with a bang. Yes, in fact four bangs — right down the stairs of our school into the arms of some waiting clinicians!

The first day in school was quite an experience for Rita, finding herself the only girl in the freshman class and knowing just one boy out of about forty-five. However, she knows most of them by now. (nice work Rita)! *

I hope to have more news to bring to you next time when we expect to have heard from last year's seniors. 'Till then,

B'eye! B'eye!

* *Editor's note:* The editor *vaguely* knows of another class in school, in which fifty-five boys are stumbling over one another, to return a dropped 8½ by 11 sheet of paper!! Nice going yourself, Elsa!

--THE SCOPE ADVISES

(continued from page five)

chological and Neurological phases than ever before. It is therefore your duty to regard these courses with a new perspective, and remember that they are as much a vital factor in Optometry as are Mathematics, Physics, Optics, Anatomy and Physiology.

To digress, let us now analyze your position. Some of you have crossed a great divide, a sudden metamorphosis has taken place, you have plunged from grade school to professionalism. All of which dictates that henceforth you must conduct yourselves in a manner befitting the station to which you aspire.

By your knowledge, by your self-confidence, by your demeanor you must convey to the remaining doubting Thomases that peck at optometry, that something is amiss in the opinion they hold.

The SCOPE urgently hopes that its advice will be well heeded, for remember, you men *will be optometry.*

E. F. Mahady Company

M. S. O. BOOK HEADQUARTERS

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CODE OF ETHICS

American Optometric Association

Adopted — June 1935, Miami, Florida.

(1). THE OPTOMETRIST SHALL KEEP INVIOLATE ALL CONFIDENCES COMMITTED TO HIM IN HIS PROFESSIONAL RELATIONSHIP WITH HIS PATIENT.

(2). IT SHALL BE THE DUTY OF EVERY OPTOMETRIST TO SUPPORT ORGANIZED OPTOMETRY IN ITS EFFORTS TO ADVANCE AND PROMOTE THE HIGHEST IDEALS OF PROFESSIONAL SERVICE.

(3). IT SHALL BE AN OPTOMETRIST'S DUTY TO REFRAIN FROM ANY EXAGGERATION OF A PATIENT'S CONDITION.

(4). IT IS THE DUTY OF EVERY OPTOMETRIST TO KEEP HIMSELF INFORMED AS TO EVERY DEVELOPMENT IN HIS PROFESSION BY ALL MEANS WITHIN HIS POWER AND TO CONTRIBUTE HIS SHARE TO THE GENERAL KNOWLEDGE AND ADVANCEMENT OF THE PROFESSION.

(5). IT IS THE DUTY OF EVERY OPTOMETRIST TO REFRAIN FROM ALL CRITICISM REFLECTING UPON THE SKILL OF A COLLEAGUE.

(6). ALL OPTOMETRISTS SHALL REFRAIN FROM ADVERTISING, EXCEPT THAT PERMITTED BY THE CODE OF ETHICS OF HIS RESPECTIVE STATE ASSOCIATION.

(7). IT SHALL BE CONSIDERED UNETHICAL FOR AN OPTOMETRIST TO BE EMPLOYED EXCEPT AS AN ASSOCIATE OF A REGISTERED OPTOMETRIST.

Editor's Note: This Code has been reprinted by request from a previous issue. It has been advised that this Code be extracted and placed somewhere, where it will be brought to the attention of all those associated with Optometry.

THE NEWLY LICENSED OPTOMETRIST

Up to the time a student in optometry has passed the Board of Examiners and received a license to practice optometry, there is a certain sense of protection and security carrying over from school days.

But when that coveted piece of paper, stating that the "herein named" is duly qualified to practice optometry finally arrives, and the newcomer is at last completely "on his own" — there comes a feeling of loneliness, of being cast away in a very small boat on a vary large ocean . . . and what to do about it.

"Getting started right" is the great desire of these newly licensed optometrists and it is the desire of the Optometric Extension Program to do all it can to help these newcomers over the hard going of the first few years in practice.

To this end the Optometric Extension Program offers all of the newly licensed optometrists who become members of the State Association, a free membership in the Extension Program for their first year. This is done as a real service in helping the new optometrist to get acquainted and to become a part of organized optometry.

This free membership includes the privilege of attendance at all Study Group meetings, the complete Extension Texts and participation in all Analytical and Economic Clinics of the Extension Program.

It is not offered to those who do not want it for it involves a considerable cost, but newly licensed graduates who become members of the Association may have this service by application to the Secretary or any of the State Officers — or Study Group Chairmen, who will forward the application to the Secretary for endorsement and forwarding to Duncan, Oklahoma, national headquarters of the Extension Program.

This matter should not be allowed to drag, for the free membership is good only for the first year of practice of the optometrist. Delay, therefore, deprives the licensee of part of the service which is offered.

It is hoped that new licensees will take advantage of this opportunity and make themselves an interested and valuable part of the Study Groups.

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The new Lloyd Stereo Campimeter makes it possible for you to explore farther into the central and paracentral fields, the clinical color fields and the macula projection area than any other instrument. Specially constructed lights provide even illumination over the entire platform and both side targets as well; a rheostat control governs light intensity; an ingenious mirror housing permits more definite fixation. Fields up to 30° above or below the point of fixation, and 47° nasally and 35° temporally are possible.

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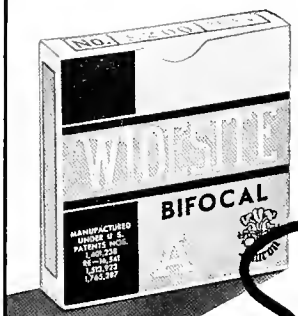

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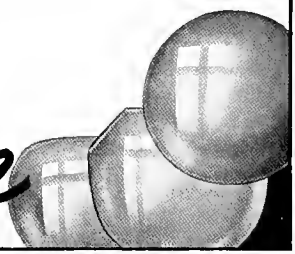

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